

LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY HHSA REGION[†], 2012

Number and Percent of Deaths

COUNTY-WIDE RANK in 2012 ^a	CAUSE OF DEATH ^b	REGION [†]											
		N. Coastal		N. Central		Central		South		East		N. Inland	
		number of deaths	%	number of deaths	%	number of deaths	%	number of deaths	%	number of deaths	%	number of deaths	%
1	Malignant neoplasms	838	24.7	987	27.9	653	24.1	655	23.9	885	24.0	928	23.8
2	Diseases of heart	786	23.2	794	22.5	657	24.3	689	25.1	868	23.6	817	21.0
3	Alzheimer's disease	258	7.6	201	5.7	106	3.9	133	4.8	187	5.1	276	7.1
4	Chronic lower respiratory diseases	184	5.4	156	4.4	98	3.6	109	4.0	225	6.1	252	6.5
5	Cerebrovascular diseases	187	5.5	161	4.6	128	4.7	141	5.1	180	4.9	206	5.3
6	Accidents (unintentional injuries)	161	4.8	168	4.8	148	5.5	104	3.8	208	5.6	192	4.9
7	Diabetes mellitus	94	2.8	88	2.5	107	4.0	127	4.6	126	3.4	109	2.8
8	Intentional self-harm (suicide)	79	2.3	84	2.4	69	2.5	37	1.3	61	1.7	76	1.9
9	Chronic liver disease and cirrhosis	59	1.7	56	1.6	63	2.3	50	1.8	57	1.5	68	1.7
10	Essential (primary) hypertension and hypertensive renal disease	66	1.9	57	1.6	43	1.6	38	1.4	67	1.8	60	1.5
11	Influenza and pneumonia	44	1.3	62	1.8	44	1.6	41	1.5	48	1.3	63	1.6
12	Parkinson's disease	52	1.5	64	1.8	9	0.3	32	1.2	41	1.1	65	1.7
13	Pneumonitis due to solids and liquids	29	0.9	27	0.8	24	0.9	20	0.7	19	0.5	28	0.7
14	Septicemia	12	0.4	19	0.5	26	1.0	27	1.0	21	0.6	24	0.6
15	Neoplasms - in situ, benign or unk behavior	24	0.7	21	0.6	16	0.6	20	0.7	17	0.5	26	0.7
	All Other Causes	515	15.2	589	16.7	517	19.1	520	19.0	674	18.3	708	18.2
	TOTAL DEATHS:	3,388	100.0	3,534	100.0	2,708	100.0	2,743	100.0	3,684	100.0	3,898	100.0

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The top 15 leading causes of death presented here are based on the county-wide rank among San Diego County residents in 2012.

^b Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

[†] HHSA Regions were created by grouping contiguous zip codes.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files;
SANDAG January 1 population estimates (2001-2013 estimate released January 2014)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunization Services Branch, 3/10/14

LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY HHSA REGION[†], 2012
Age-Adjusted Rates

COUNTY- WIDE RANK in 2012 ^a	CAUSE OF DEATH ^b	AGE-ADJUSTED RATES ^c						
		REGION [†]						SAN DIEGO COUNTY
		N. Coastal	N. Central	Central	South	East	N. Inland	
1	Malignant neoplasms	151.4	160.2	168.1	151.8	173.3	145.6	158.3
2	Diseases of heart	129.0	119.8	175.9	157.1	164.1	118.2	140.6
3	Alzheimer's disease	40.3	29.1	29.1	30.4	33.6	37.5	33.9
4	Chronic lower respiratory diseases	32.5	24.3	26.3	25.7	44.5	38.6	32.7
5	Cerebrovascular diseases	30.1	24.5	33.6	31.8	34.3	30.0	30.3
6	Accidents (unintentional injuries)	28.7	26.3	33.0	22.5	43.0	30.2	30.5
7	Diabetes mellitus	16.6	13.5	28.6	28.6	23.9	17.4	20.4
8	Intentional self-harm (suicide)	14.6	13.7	14.3	8.0	12.4	13.0	12.8
9	Chronic liver disease and cirrhosis	10.7	8.9	14.5	11.1	10.7	10.7	11.0
10	Essential (primary) hypertension and hypertensive renal disease	10.2	8.5	10.9	8.4	12.4	8.7	9.8
11	Influenza and pneumonia	6.6	8.9	12.1	9.4	9.0	8.6	8.9
12	Parkinson's disease	9.4	9.7	2.7	7.7	8.1	10.0	8.4
13	Pneumonitis due to solids and liquids	4.3	3.9	6.3	4.7	3.5	4.0	4.3
14	Septicemia	1.8	2.9	7.1	6.2	4.0	3.9	4.0
15	Neoplasms - in situ, benign or unk behavior	3.7	3.3	3.9	4.8	3.2	4.1	3.9
	TOTAL DEATHS:	576.5	549.0	694.9	623.8	708.7	587.0	618.1

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The top 15 leading causes of death presented here are based on the county-wide rank among San Diego County residents in 2012.

^b Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

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* Rate not calculated for fewer than 20 deaths in this category.

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LEADING CAUSES OF DEATH IN EACH HHSA REGION [†], SAN DIEGO COUNTY, 2012 **Number and Percent of Deaths, Crude Rates and Age-adjusted Rates**

Table 1. North Coastal Region

Rank ^a	Cause of Death ^b	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Malignant neoplasms	838	24.7	160.2	151.4
2	Diseases of heart	786	23.2	150.2	129.0
3	Alzheimer's disease	258	7.6	49.3	40.3
4	Cerebrovascular diseases	187	5.5	35.7	30.1
5	Chronic lower respiratory diseases	184	5.4	35.2	32.5
6	Accidents (unintentional injuries)	161	4.8	30.8	28.7
7	Diabetes mellitus	94	2.8	18.0	16.6
8	Intentional self-harm (suicide)	79	2.3	15.1	14.6
9	Essential (primary) hypertension and hypertensive renal disease	66	1.9	12.6	10.2
10	Chronic liver disease and cirrhosis	59	1.7	11.3	10.7
	All other causes	676	20.0		
	TOTAL DEATHS	3,388	100.0	647.6	576.5

Table 2. North Central Region

Rank ^a	Cause of Death ^b	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Malignant neoplasms	987	27.9	163.2	160.2
2	Diseases of heart	794	22.5	131.3	119.8
3	Alzheimer's disease	201	5.7	33.2	29.1
4	Accidents (unintentional injuries)	168	4.8	27.8	26.3
5	Cerebrovascular diseases	161	4.6	26.6	24.5
6	Chronic lower respiratory diseases	156	4.4	25.8	24.3
7	Diabetes mellitus	88	2.5	14.5	13.5
8	Intentional self-harm (suicide)	84	2.4	13.9	13.7
9	Parkinson's disease	64	1.8	10.6	9.7
10	Influenza and pneumonia	62	1.8	10.3	8.9
	All other causes	769	21.8		
	TOTAL DEATHS	3,534	100.0	584.3	549.0

Table 3. Central Region

Rank ^a	Cause of Death ^b	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Diseases of heart	657	24.3	137.2	175.9
2	Malignant neoplasms	653	24.1	136.3	168.1
3	Accidents (unintentional injuries)	148	5.5	30.9	33.0
4	Cerebrovascular diseases	128	4.7	26.7	33.6
5	Diabetes mellitus	107	4.0	22.3	28.6
6	Alzheimer's disease	106	3.9	22.1	29.1
7	Chronic lower respiratory diseases	98	3.6	20.5	26.3
8	Intentional self-harm (suicide)	69	2.5	14.4	14.3
9	Chronic liver disease and cirrhosis	63	2.3	13.2	14.5
10	Influenza and pneumonia	44	1.6	9.2	12.1
	All other causes	635	23.4		
	TOTAL DEATHS	2,708	100.0	565.4	694.9

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories.

^b Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

^c All rates are per 100,000 population; age-adjusted rates are adjusted to 2000 U.S. Standard Population.

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LEADING CAUSES OF DEATH IN EACH HHSA REGION [†], SAN DIEGO COUNTY, 2012 **Number and Percent of Deaths, Crude Rates and Age-adjusted Rates**

Table 4. South Region

Rank ^a	Cause of Death ^b	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Diseases of heart	689	25.1	144.2	157.1
2	Malignant neoplasms	655	23.9	137.0	151.8
3	Cerebrovascular diseases	141	5.1	29.5	31.8
4	Alzheimer's disease	133	4.8	27.8	30.4
5	Diabetes mellitus	127	4.6	26.6	28.6
6	Chronic lower respiratory diseases	109	4.0	22.8	25.7
7	Accidents (unintentional injuries)	104	3.8	21.8	22.5
8	Chronic liver disease and cirrhosis	50	1.8	10.5	11.1
9	Influenza and pneumonia	41	1.5	8.6	9.4
10	Essential (primary) hypertension and hypertensive renal disease	38	1.4	8.0	8.4
	All other causes	656	23.9		
	TOTAL DEATHS	2,743	100.0	573.9	623.8

Table 5. East Region

Rank ^a	Cause of Death ^b	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Malignant neoplasms	885	24.0	189.7	173.3
2	Diseases of heart	868	23.6	186.1	164.1
3	Chronic lower respiratory diseases	225	6.1	48.2	44.5
4	Accidents (unintentional injuries)	208	5.6	44.6	43.0
5	Alzheimer's disease	187	5.1	40.1	33.6
6	Cerebrovascular diseases	180	4.9	38.6	34.3
7	Diabetes mellitus	126	3.4	27.0	23.9
8	Essential (primary) hypertension and hypertensive renal disease	67	1.8	14.4	12.4
9	Intentional self-harm (suicide)	61	1.7	13.1	12.4
10	Chronic liver disease and cirrhosis	57	1.5	12.2	10.7
	All other causes	820	22.3		
	TOTAL DEATHS	3,684	100.0	789.8	708.7

Table 6. North Inland Region

Rank ^a	Cause of Death ^b	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Malignant neoplasms	928	23.8	160.7	145.6
2	Diseases of heart	817	21.0	141.5	118.2
3	Alzheimer's disease	276	7.1	47.8	37.5
4	Chronic lower respiratory diseases	252	6.5	43.6	38.6
5	Cerebrovascular diseases	206	5.3	35.7	30.0
6	Accidents (unintentional injuries)	192	4.9	33.3	30.2
7	Diabetes mellitus	109	2.8	18.9	17.4
8	Intentional self-harm (suicide)	76	1.9	13.2	13.0
9	Chronic liver disease and cirrhosis	68	1.7	11.8	10.7
10	Parkinson's disease	65	1.7	11.3	10.0
	All other causes	909	23.3		
	TOTAL DEATHS	3,898	100.0	675.1	587.0

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories.

^b Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

^c All rates are per 100,000 population; age-adjusted rates are adjusted to 2000 U.S. Standard Population.

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Number and Percent of Deaths, Crude Rates and Age-adjusted Rates